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**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**PATENT APPLICATION**

**INVENTOR(S)** Mohsen Sarraf, Mohammad  
Hossein Zarrabizadeh

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

**CASE** 20-12

Date of Deposit: September 15, 1999

Signature: Kevin M. Mason

**TITLE** Method And Apparatus For Frequency Offset Estimation And Interleaver Synchronization Using Periodic Signature Sequences

**ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**SIR:**

Enclosed are the following papers relating to the above-named application for patent:

Specification  
3 Sheets of informal drawing(s)  
Declaration and Power of Attorney  
1 Assignment with Cover Sheet

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	30-20 =	10	X \$18 =	\$180
Independent Claims	5- 3 =	2	X \$78 =	\$156
Multiple Dependent Claim(s), if applicable			\$260 =	\$0
Basic Fee				\$760
			TOTAL FEE:	\$1,096

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of **\$1,096.00**, to cover the filing fee. *Duplicate copies of this letter are enclosed.* In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Please address all correspondence to: Kevin M. Mason, Ryan & Mason, L.L.P., 90 Forest Avenue, Locust Valley, New York 11560. Telephone calls should be made to the under-signed attorney at (203) 255-6560.

Respectfully,

Kevin M. Mason

Date: September 15, 1999

Kevin M. Mason  
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1c678 U.S. PTO  
09/396055  
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1c583 U.S. PTO

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